

**WHAT IS CLAIMED IS:**

1. A method of image processing comprising the steps of:
- 5        selecting pages of image to identify selected pages;
- combining the selected pages of the image into a single overlapping image;
- displaying the single overlapping image;
- selecting a portion of the single overlapping image to specify a selected portion;
- simultaneously image processing the selected portion of each of the pages of the
- 10       image to generate image processed pages of the image; and
- outputting separately each of the image processed pages of the image.
2. The method of image processing according to claim 1 wherein said image processing is to remove the selected portion.
- 15 3. The method of image processing according to claim 1 wherein said image processing is to insert data into the selected portion.
4. The method of image processing according to claim 3 wherein the data includes a combination of an image and text.
- 20 5. The method of image processing according to claim 1 wherein said image processing is to move the selected portion within the single overlapping image.
6. The method of image processing according to claim 1 wherein the selected portion is an
- 25 entire portion of the single overlapping image, said image processing step further comprising selecting a paper size to fit the entire portion of the single overlapping image, said outputting step printing each of the image processed pages onto a sheet of the selected paper size.
- 30 7. The method of image processing according to claim 1 wherein said outputting step is to print out each of the image processed pages of the image.

8. The method of image processing according to claim 1 wherein said selecting step further comprises the additional steps of:

- displaying a rectangle to indicate the selected portion;
- dragging a first portion of the rectangle to change a size of the rectangle; and
- 5 dragging a second portion of the rectangle to move a position of the rectangle.

9. The method of image processing according to claim 8 wherein an inside area of the rectangle is image processed in said image processing step.

10 10. The method of image processing according to claim 8 wherein an outside area of the rectangle is image processed in said image processing step.

11. A computer readable medium storing computer instructions for image processing, the computer instructions performing the following tasks:

- 15 providing a first interface for selecting pages of image to identify selected pages;
- combining the selected pages of the image into a single overlapping image;
- displaying the single overlapping image;
- providing a second interface for selecting a portion of the single overlapping
- image to specify a selected portion;
- 20 simultaneously image processing the selected portion of each of the pages of the
- image to generate image processed pages of the image; and
- outputting separately each of the image processed pages of the image.

12. The computer readable medium storing computer instructions according to claim 11  
25 wherein said image processing is to remove the selected portion.

13. The computer readable medium storing computer instructions according to claim 11 wherein said image processing is to insert data into the selected portion.

30 14. The computer readable medium storing computer instructions according to claim 13 wherein the data includes a combination of an image and text.

15. The computer readable medium storing computer instructions according to claim 11 wherein said image processing is to move the selected portion within the single overlapping image.

5 16. The computer readable medium storing computer instructions according to claim 11 wherein the selected portion is an entire portion of the single overlapping image, said image processing step further providing a third interface for selecting a paper size to fit the entire portion of the single overlapping image, said outputting step printing each of the image processed pages onto a sheet of the selected paper size.

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17. The computer readable medium storing computer instructions according to claim 11 wherein said outputting step is to print out each of the image processed pages of the image.

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18. The computer readable medium storing computer instructions according to claim 11 wherein said selecting step further comprises the additional steps of:

displaying a rectangle to indicate the selected portion;  
dragging a first portion of the rectangle to change a size of the rectangle; and  
dragging a second portion of the rectangle to move a position of the rectangle.

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19. The computer readable medium storing computer instructions according to claim 18 wherein an inside area of the rectangle is image processed in said image processing step.

20. The computer readable medium storing computer instructions according to claim 18 wherein an outside area of the rectangle is image processed in said image processing step.

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21. A system for image processing comprising:

an input unit for selecting pages of image to identify selected pages and  
combining the selected pages of the image into a single overlapping image;  
a display unit connected to said input unit for displaying the single overlapping  
30 image;

a selection unit connected to said display unit for selecting a portion of the single overlapping image to specify a selected portion;

an image processing unit connected to said selection unit for simultaneously image processing the selected portion of each of the pages of the image to generate image processed pages of the image, said image processing unit separately outputting each of the image processed pages of the image.

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22. The system for image processing according to claim 21 wherein said image processing unit removes the selected portion.

23. The system for image processing according to claim 21 wherein said image processing  
10 unit inserts data into the selected portion.

24. The system for image processing according to claim 23 wherein the data includes a combination of an image and text.

15 25. The system for image processing according to claim 21 wherein said image processing unit moves the selected portion within the single overlapping image.

26. The system for image processing according to claim 21 wherein said selection unit further selects a paper size to fit an entire portion of the single overlapping image and  
20 further comprises a printer connected to said image processing unit for printing each of the image processed pages onto a sheet of the selected paper size.

27. The system for image processing according to claim 21 wherein said selection unit displays a rectangle to indicate the selected portion, said selection unit providing a user  
25 interface for dragging a first portion of the rectangle to change a size of the rectangle and for dragging a second portion of the rectangle to move a position of the rectangle.

28. The system for image processing according to claim 27 wherein said image processing unit image processes an inside area of the rectangle.

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29. The system for image processing according to claim 27 wherein said image processing unit image processes an outside area of the rectangle.